	Application No.	Applicant(s) SAKUI ET AL.	
Notice of Allowability	10/638,406		
	Examin r	Art Unit	
	ANH PHUNG	2824	
Th MAILING DATE of this communication apply All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31:	(OR REMAINS) CLOSED in or other appropriate commu IGHTS. This application is s	n this application. If not include inication will be mailed in due o	ed course. THIS
1. \boxtimes This communication is responsive to <u>the Application filed</u> of	on Aug. 12, 2003.		
2. The allowed claim(s) is/are <u>1-14</u> .			
3. \square The drawings filed on <u>12 August 2003</u> are accepted by the	e Examiner.		
 4. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: Certified copies of the priority documents have Certified copies of the priority documents have Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	e been received. e been received in Application	on No <u>. <i>09/</i>393,20</u> 1 .	tion from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be subm	MENT of this application.		
INFORMAL PATENT APPLICATION (PTO-152) which give			JIICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") must	st be submitted.		
(a) ☐ including changes required by the Notice of Draftspers	son's Patent Drawing Review	w (PTG948) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date			
(b) including changes required by the attached Examiner' Paper No./Mail Date	s Amendment / Comment or	in the Office action of	
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	l.84(c)) should be written on t he header according to 37 CF	he drawings In the front (not the R 1.121(d).	back) of
7. DEPOSIT OF and/or INFORMATION about the depose attached Examiner's comment regarding REQUIREMENT			te the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5 ☐ Notice of Inf	ormal Patent Application (PTC)-152)
2. Notice of Draftperson's Patent Drawing Review (PTO948)	-	ımmary (PTO-413),	.02)
3. ☑ Information Disclosure Statements (PTO 1449 or PTO/SB/0	Paper No./I	Mail Date <u>6/2/04</u> . Amendment/Comment	
Paper No./Mail Date <u>8/12/03 & 3/16/04</u> 4. ☐ Examiner's Comment Regarding Requirement for Deposit	8 ⊠ Examiner's	Statement of Reasons for Allov	wance
of Biological Material	9. ⊠ Other <u>Searc</u>		
of Colorgical Material	_	h Phung	
	PRI	ANH PHUNG MARY EXAMINER	

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DETAILED ACTION

1. In response to the U.S. Patent Application Ser. No. 10/638,406 filed on Aug. 12, 2003, claims **1-14** are pending in the application.

Examiner's amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Gary D. Fedorochko on June 2, 2004.

The claims has been amended as follows:

In claim 1, lines 11-12, delete -- , and the highest limit of the threshold voltage of the memory cell is infinite --.

In claim 8, lines 11-12, delete -- , and the lowest limit of the threshold voltage of the memory cell is infinite --.

The specification has been amended as follows:

Page 1, after "July 26, 2002," insert -- now U.S. Pat. No. 6,657,892, issued on Dec. 2, 2003, --.

The examiner's amendment has been made in order to place the application in a condition for allowance.

Priority

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3. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. 09/393,201, filed on Sept. 9, 1999.

Information Disclosure Statement

4. This office acknowledges receipt of the following items from the Applicant: Information Disclosure Statements (IDS) filed Aug. 12, 2003 and Mar. 16, 2004. Information disclosed and listed on PTO 1449 was considered.

Examiner's Statement of Reasons for Allowance

5. Claims **1-14** are allowed.

Kato et al. (U.S. Pat. No. 5,592,415) disclose a nonvolatile semiconductor memory having a control circuit for performing a programming operation similar to that of the present application, but fail to teach: "a memory cell array having a memory cell unit formed from only one memory cell and two select transistors sandwiching the memory cell" as claimed in the independent claims 1 and 8.

Any comments considered necessary by applicants must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comment on Statement of Reasons for Allowance".

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **ANH PHUNG** whose telephone number is **(571) 272-**

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1883. The examiner can normally be reached on Monday-Friday from 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, RICHARD ELMS, can be reached on (571) 272-1869. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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AKP

ANH PHUNG PRIMARY EXAMINER

Out Phung